## REC'd PCT/PTO 20 OCT 2005

PTO/SB/01 (09-04)

Approved for use through 07/31/2006. OMB 0651-0032

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DECLARATION FOR UTILITY OR	Attorney Docket Number	421/67 PCT/US						
DESIGN	First Named Inventor	Jian Liu						
PATENT APPLICATION	COMI	PLETE IF KNOWN						
(37 CFR 1.63)	Application Number							
Declaration Submitted OR  Declaration Submitted After Initial	Filing Date							
With Initial Filing (surcharge Filing (37 CFR 1.16 (e))	Art Unit							
required)	Examiner Name							
I hereby declare that:  Each inventor's residence, mailing address, and citizenship are as stated below next to their name.  I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  PURIFIED AND ISOLATED HEPARAN SULFATE 3-O-SULFOTRANSFERASE ISOFORM 5 NUCLEIC ACIDS AND POLYPEPTIDES AND THERAPEUTIC AND SCREENING METHODS USING SAME								
(Title of the	Invention							
the specification of which	: invention)							
is attached hereto	•							
OR	<b>-</b>							
X was filed on (MM/DD/YYYY) . 07/07/2003	as United States App	lication Number or PCT International						
Application Number PCT/US03/21094 and was amende	ed on (MM/DD/YYYY)	(if applicable).						
I hereby state that I have reviewed and understand the contents amended by any amendment specifically referred to above.	of the above identified sp	ecification, including the claims, as						
		1_1_1_0_0_1						

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Co	ppy Attached? NO
PCT/US03/21094	WIPO	07/07/2003			X
60/394,199	US	07/05/2002	· 🔲		X

[Page 1 of 2]

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

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## **DECLARATION** — Utility or Design Patent Application

correspondence to: ass	e address ociated with stomer Number:				OR		Correspondence address below
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Address	,						
City			State	·			ZIP
Country		Telephone	·		Fax		
I hereby declare that all statem and belief are believed to be statements and the like so mad false statements may jeopardize	true; and furthe le are punishable	er that these sta e by fine or impris	tements onment,	were made or both, und	with t er 18 U	he kno	wledge that willful false
NAME OF SOLE OR FIRST IN	VENTOR:		etition ha	as been filed	for this	s unsign	ned inventor
Given Name (first and middle [if	any])			Family N			
Jian				Liu	_		
Inventor's Signature	2	·		-			Date 1/29/05
Residence: City	State	010	Countr			Citizer	•
Chapel Hill	N	1C //(	ļ	US			US ·
Mailing Address 106 Ivy Bro	ook Lane	•					
City	State		7	Zip			Country
Chapel Hill		NC		275	16		US
NAME OF SECOND INVENTO	R:			A petition h	as bee	n filed f	or this unsigned inventor
Given Name (first and middle [if	any])			Family Na	ame or	Surnan	ne
Guoqing				Xia			
Inventor's Signature		,					Date
Residence: City	State		Countr	•		Citizer	•
Hamberg				US			CN
Mailing Address Friedensall	ee 78						
City	State		Z	ip		Count	ry
Hamburg				D-2276	5		GERMANY
X Additional inventors or a legal rep	presentative are being	named on the 2	supplement	al sheet(s) PTC	/SB/02A	or 02LR	attached hereto.

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DECLARATION		Supplemental S	heet	Pag	e_1_ of_2_	
Name of Additional Joint Inventor, if any	<i>y</i> :	A petition h	nas been filed for this ur	signed	inventor	
Given Name (first and middle (if any)) Family Name or Surname						
Jinghua	-	Chen				
Inventor's Dinghua C	hen			Date_	02/10/2005	
Chapel Hill Residence: City	NC State	COU	US ntry	Citizer	CN nship	
1105 Highway 54 Bypass Kingswood Apt. Q-7 Mailing Address						
Chapel Hill	State	NC	27516 Zip	UN Count	VITED STATES OF AMERICA DY	
Name of Additional Joint Inventor, if any	<b>/</b> :	A petition I	nas been filed for this ur	signed	inventor	
Given Name (first and middle (if any)) Family Name				Surname		
Michael B.		Duncan				
Inventor's Signature				Date		
Chapel Hill Residence: City	State	1C	US		US Citizenship	
350 Summerwalk Circle Mailing Address		•				
Chapel Hill		NC	27517	UNITED STATES OF AMERICA		
Name of Additional Joint Inventor, if any	State /:	A petition I	Zip has been filed for this ur	Count		
Given Name (first and middle (if any))	•		Family Name or Su	rname		
Deepak . Shukla						
Inventor's Signature				Date		
Skokie	ì	IL	US		IN	
Residence: City  8339 Kimball Avenue  Mailing Address	State		Country		Citizenship	
Skokie City	State	IL	60076 Zip	UN Count	IITED STATES OF AMERICA	

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ADDITIONAL INVENTOR(S)

DECLARATION	Supplement	tal Sheet	Page	e_1of2_	
Name of Additional Joint Inventor, if any	y:	A petit	tion has been filed for this	unsigned	inventor
Given Name (first and middle (if any))	Family Name	e or Surname			
Jinghua		Chen			
Inventor's Signature				Date	
Chapel Hill Residence: City	NC State	- 1	US Country	Citizer	CN nship
1105 Highway 54 Bypass Kingswood Apt. Q-7 Mailing Address					
Chapel Hill City	State 1	VC	27516 Zip	UN Count	NITED STATES OF AMERICA TY
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Given Name (first and middle (if any))	Family Name or Sumame				
Michael B.		Duncan			
Inventor's Signature	-//-	1-11		Date	Sas
Chapel Hill Residence: City	State N	ic/C	US Country		US Citizenship
350 Summerwalk Circle Mailing Address		•			
Chapel Hill City	N State	VC	27517 Zip	U) Count	NITED STATES OF AMERICA ry
Name of Additional Joint Inventor, if any	y:	A petit	tion has been filed for this	unsigned	inventor
Given Name (first and middle (if any))			Family Name or	Surname	
Deepak		Shukla			_
Inventor's Signature				Date	
Skokie Residence: City	I State	L	US Country		IN Citizenship
8339 Kimball Avenue Mailing Address					
Skokie City	State	ΠL	60076 Zip	UN Count	TITED STATES OF AMERICA Try

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**ADDITIONAL INVENTOR(S)** 

DECLARATION	Supplemental Sheet Page of				
Name of Additional Joint Inventor, if any	A petition has been filed for this unsigned inventor				
Given Name (first and middle (if any))		Family Name		_	
Jinghua -		Chen	1		
Inventor's Signature				Date	
Chapel Hill	NC State	1	US Country	Citizen	CN
1105 Highway 54 Bypass Kingswood Apt. Q-7 Mailing Address		,			
Chapel Hill City	State	NC	27516 Zip	UN Countr	IITED STATES OF AMERICA Y
Name of Additional Joint Inventor, if any	y:	A petit	ion has been filed for this u	nsigned i	inventor
Given Name (first and middle (if any))		Family Name or Surname			
Michael B. Duncan					
Inventor's Signature		<del>.</del>		Date	***
Chapel Hill Residence: City	State	VC	US		US Citizenship
350 Summerwalk Circle Mailing Address					
Chapel Hill City	State	NC	27517 Zip	Count	VITED STATES OF AMERICA TY
Name of Additional Joint Inventor, if an	y:	A petit	tion has been filed for this u	ınsigned	inventor
Given Name (first and middle (if any))	1		Family Name or S	urname	
Deepak	. <	Shukla			
Inventor's Signature Survey Share	ilc			Date	19/05.
Residence: City	State	IL JL	US Country		IN Citizenship
8339 Kimball Avenue Mailing Address					
Skokie City	State	IL	60076 Zip	UN Count	TITED STATES OF AMERICA

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DECLARATION  ADDITIONAL INVENTOR(S)  Supplemental Sheet  Page 2 of.				Page of	
Name of Additional Joint Inventor, if an	on has been filed for this un	signed inventor			
Given Name (first and middle (if any)	)	Family Name	or Surname		
Vaibhav		Tiwari			
Inventor's Signature				Date 01 ) 19   05	
Chicago Residence: City	IL <sub>.</sub> State	Te o	US	IN Citizenship	
936 South Bell Avenue Apartment #2R Rear Mailing Address					
Chicago City	State	IL.	60612 Zip	UNITED STATES OF AMERICA Country	
Name of Additional Joint Inventor, if an	y:	A petition	on has been filed for this un	signed inventor	
Given Name (first and middle (if any)	Family Name or Sumame				
Anders	Malmstrom				
Inventor's Signature				Date	
Lund Residence: City	State		SE Country	SE Citizenship	
- Vapenkroken 19 Mailing Address					
Lund City	State		S-22647 Zip	SWEDEN Country	
Name of Additional Joint Inventor, if an	y:	A petition	on has been filed for this ur		
Given Name (first and middle (if any)	)	Family Name or Surname			
Anders	Malmstrom				
Inventor's Signature				Date	
Lund Residence: City	State		SWEDEN Country	SWEDEN Citizenship	
Vapenkroken 19 Mailing Address					
Lund City	State		S-22647	SWEDEN Country	

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NAME OF SOLE OR FIRST	INVENTOR:		$\Gamma_{\Gamma}$	$\exists_{Ap}$	etition	has been file	ed for thi	s unsig	ned inventor
Given Name (first and middle	[if any])						Name o		
Jian Liu									
Inventor's Signature		<del></del>			***************************************			`	Date
Residence: City	State				Coun	ntry		Citize	enship
Chapel Hill		NC			<u> </u>	DE	US		US
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Hamburg Mailing Address Friedens	allee 66					DE J	10 j	<u> </u>	CN
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City	State					Zip		Cour	ntry
Hamburg						D-227	765	<u> </u>	GERMANY
Additional inventors or a lega	al rannocantative are b	elan namen	th:	. 2	cuppler	anatal shoot(s) E	TO/SB/07	A or 0211	R attached hereto.

